

Application No. UNKNOWN
Docket No.: CR921 US-DIV

Page 2

A2

cont.

(i) transforming a suitable host cell with an expression cassette comprising either one or both of

- (a) a gene encoding a glycerol-3-phosphate dehydrogenase enzyme selected from the group of enzymes consisting of sn-glycerol-3-phosphate:NAD⁺2-oxidoreductase and sn-glycerol-3-phosphate:NADP⁺2-oxidoreductase;
- (b) a gene encoding a glycerol-3-phosphate phosphatase enzyme;

(ii) culturing the transformed host cell of (i) in the presence of at least one carbon source selected from the group consisting of monosaccharides, oligosaccharides, polysaccharides, and single-carbon substrates, whereby glycerol is produced; and

(iii) recovering the glycerol produced in (ii).-

REMARKS

Claims 1-16 and new Claim 21 are pending in this divisional application following entry of the above amendments.

Respectfully submitted

Linda Axamethy Floyd
LINDA AXAMETHY FLOYD
ATTORNEY FOR APPLICANTS
REGISTRATION NO. 33,692
TELEPHONE: 302-892-8112
FACSIMILE: 302-892-7949

Dated: 25 October 2000